



NATIONAL
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STATISTICS
SERVICE

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KENTUCKY WEEKLY CROP & WEATHER REPORT



In Cooperation with:
Univ. of Ky - Agr. Weather Center
U.S. Dept. of Commerce - NOAA
Kentucky Department of Agriculture
Cooperative Extension Service

LELAND E. BROWN, Director

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AGRICULTURAL NEWS: Hot and dry conditions allowed producers to make hay and finish crop planting, but stressed livestock and dried out soils. Above normal temperatures prevailed again this past week with temperatures averaging 78 degrees, 7 degrees above normal and unchanged from the previous week. A few showers and cooler temperatures arrived at the end of the week. However, rainfall was light and scattered, averaging just 0.61 inches, 0.45 inches below normal. Rainfall totals have been below normal for 3 of the last 4 weeks. **Topsoil moisture** was rated 3 percent very short, 27 percent short, 65 percent adequate and 5 percent surplus. **Subsoil moisture** was rated 1 percent very short, 14 percent short, 77 percent adequate, and 8 percent surplus. Days suitable for fieldwork averaged 6.3 out of a possible 7. Major farming activities included planting soybeans, setting tobacco, and cutting hay. Wheat harvest began at the end of the week.

ROW CROPS: **Corn** planting was 97 percent complete as of Sunday June 12. Eighty-seven percent of corn planted had emerged, compared with 99 percent a year ago and 97 percent for the five year average. Emerged corn condition was rated 1 percent very poor, 3 percent poor, 32 percent fair, 50 percent good, and 14 percent excellent. Some fields were beginning to show stress from high temperatures and lack of rain. **Soybean** planting advanced to 65 percent complete, still behind last year's 80 percent and the five year average of 75. Soybeans emerged was reported at 40 percent, trailing last year's 73 percent and the five year average of 61 percent.

TOBACCO: **Burley** set reached 76 percent complete by the end of the week, compared with 86 percent last year and the five year average of 82. **Dark tobacco** was 83 percent set, compared with 90 percent last year and 81 for the average. Tobacco set condition was 3 percent poor, 25 percent fair, 65 percent good, and 7 percent excellent. About 7 percent of tobacco plants in the field were over 12 inches in height, with the remaining 93 percent under

12 inches in height. Recently transplanted plants were showing some heat stress and need rain.

SMALL GRAINS: The condition of **winter wheat** was reported as 2 percent very poor, 3 percent poor, 23 percent fair, 56 percent good, and 16 percent excellent. Wheat harvest was underway at the end of the week with generally good yields reported.

OTHER CROPS AND PASTURE: Cutting and baling hay were major activities this week. Average hay yields remain lower than expected in many areas of Kentucky. **Pastures** were beginning to show heat stress with condition reported as 1 percent very poor, 7 percent poor, 31 percent fair, 50 percent good, and 11 percent excellent.

CROP PROGRESS for week ending 06/12/11

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
Percent				
Corn Planted	97	90	100	99
Corn Emerged	87	75	99	97
Soybeans Planted	65	40	80	75
Soybeans Emerged	40	19	73	61
Wheat Harvested	10	NA	4	9
Burley Tobacco Set	76	57	86	82
Dark Tobacco Set	83	65	90	81

SOIL MOISTURE for week ending 06/12/11

	Very Short	Short	Adequate	Surplus
Percent				
Topsoil	3	27	65	5
Subsoil	1	14	77	8

CROP CONDITIONS for week ending 06/12/11

Crop	Very Poor	Poor	Fair	Good	Ex
Percent					
Corn	1	3	32	50	14
Soybeans	0	1	26	61	12
Wheat	2	3	23	56	16
Pasture	1	7	31	50	11
Tobacco Set	0	3	25	65	7

KENTUCKY WEATHER SUMMARY, JUNE 6 - 12, 2011:

Above Normal Temperature and Below Normal Rainfall:

This past week was just as hot as the previous week. Most days highs were in the upper 80s to low 90s. This once again kept livestock heat stress in the danger category during the afternoon hours most every day. Rainfall this past week was once again scattered, with several locations having received no rainfall. Of the last 4 weeks this is the 3rd with below normal rainfall. The majority of showers were in the northern part of the state.

Temperatures for the period averaged 78 degrees across the state which was 7 degrees warmer than normal and no change to the previous period. High temperatures averaged from 91 in the West to 88 in the East. Departure from normal high temperatures ranged from 7 degrees warmer than normal in the West to 6 degrees warmer than normal in the East. Low temperatures averaged from 69 degrees in the West to 65 degrees in the East. Departure from normal low temperature ranged from 7 degrees warmer than normal in the West to 8 degrees warmer than normal in the East. The extreme high temperature for the period was 94 degrees at Mayfield and the extreme low was 59 degrees at Paintsville.

Rainfall for the period totaled 0.61 inches statewide which was 0.45 inches below normal and 58% of normal. Rainfall totals by climate division, West 0.22 inches, Central 0.30 inches, Bluegrass 1.10 inches and East 0.84 inches, which was -0.79, -0.77, 0.01 and -0.23 inches respectively from normal. By station, rainfall totals ranged from a low of 0.00 inches at Calhoun to a high of 4.70 inches at Covington.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, JUNE 12, 7:00 P.M.

Weather Station	Rainfall			Dev. From		Air Temperature				Growing Degree Days		
	=====			=====		=====				=====		
	Since Last Week	Last April 1	Four Wks. Wks.	Norm Since Apr 1	Norm Last 4 Wks.	Dev.				Since Last Week	Dev. Apr 1	Since Apr 1
						Hi	Lo	Avg.	Norm			
	(Inches)			(Degrees F)								
Bardstown	0.00	23.84	3.17	+14.03	-0.60	91	62	78.6	+6	185	1150	+121
Berea	0.09	15.22	2.39	+4.57	-1.67	93	62	76.4	+5	171	1085	+25
Bowling Gree	0.56	18.45	3.89	+7.52	-0.33	95	65	80.2	+8	189	1277	+205
Bristol	0.24	10.86	2.57	+2.24	-0.86	94	63	79.6	+8	187	1182	+226
Buckhorn Lak	2.91	18.08	6.43	+8.56	+2.65	88	61	74.5	+3	168	1054	+122
Cape Girarde	0.39	28.43	1.98	+17.42	-2.09	97	69	82.4	+8	198	1203	+88
Campbellsvil	0.00	19.30	2.41	+7.71	-1.93	92	62	77.3	+5	178	1110	+62
Covington	4.70	25.27	8.10	+15.70	+4.35	92	62	77.0	+6	175	1032	+118
Cumberland G	0.39	14.84	4.66	+4.25	+0.47	91	62	76.9	+5	178	1163	+219
Dix Dam	0.11	18.72	2.15	+8.29	-1.76	92	64	77.9	+6	183	1101	+72
Evansville	0.20	20.39	3.26	+10.22	-0.59	94	64	79.8	+6	188	1181	+139
Glasgow	0.22	16.79	2.83	+5.34	-1.62	92	64	78.3	+6	185	1195	+195
Grayson	0.06	18.15	2.77	+8.72	-0.96	90	61	75.4	+4	168	1043	+172
Hardinsburg	0.95	25.13	3.79	+14.43	-0.24	91	66	78.1	+6	184	1137	+65
Henderson	0.13	20.42	2.13	+10.09	-1.73	95	65	80.3	+6	189	1194	+122
Huntington	0.35	19.38	3.54	+10.04	-0.14	94	67	79.7	+8	189	1153	+209
Jackson	1.46	18.35	5.00	+8.24	+1.16	92	64	77.0	+6	180	1148	+216
Lexington	0.44	19.59	2.93	+9.78	-0.84	93	62	78.4	+7	183	1072	+146
London	1.29	17.09	4.33	+7.46	+0.68	92	63	77.0	+6	177	1131	+187
Louisville	0.46	22.24	4.35	+12.01	+0.58	94	67	81.0	+9	196	1280	+238
Mayfield	0.03	20.54	1.55	+9.13	-2.38	97	65	80.5	+6	185	1248	+115
Nashville	0.00	11.92	1.37	+1.24	-2.58	94	65	79.9	+8	188	1237	+92
Nolin Lake	0.53	24.98	3.56	+13.40	-0.84	91	61	76.9	+5	177	1132	+127
Paducah	0.00	24.84	1.25	+13.27	-2.92	95	68	81.9	+8	199	1259	+144
Princeton	0.06	23.43	1.97	+12.13	-2.13	94	65	80.2	+6	190	1220	+118
Quicksand	1.59	19.73	5.21	+9.62	+1.37	93	64	77.2	+6	178	1135	+203
Somerset	0.05	16.35	3.15	+5.23	-1.16	90	64	76.4	+5	176	1086	+69
Spindletop	0.21	19.29	3.17	+9.48	-0.60	94	61	78.4	+7	181	1055	+129
Williamstown	2.53	22.48	5.48	+12.41	+1.70	90	63	76.5	+5	178	1028	+102

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr Weather Center (859)257-3000 ext 245. E-mail: priddy@uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>